

Abatron AboCast/AboCure 8007-2 High-Grade Polysulfide-Epoxy Flexible Membrane Sealant and Joint-Filler

Category : Polymer , Thermoset , Epoxy , Epoxy, Cast, Unreinforced

Material Notes:

AboCast/AboCure 8007-2 is a 2-part polysulfide-epoxy solventless system. It is weather- and water-proof, flexible, and acid, alkali, and fuel resistant. Uses: Filling joints and cracks in exposed structures like bridges, docks, parking garages, and flat roofs; Repairing cracks and joints between concrete and steel; Installing and sealing bulkheads, windows, and other framed openings in ships and buildings; Maintenance of tanks, pipes, and structures; Repairs in sewage, drainage basins, and pipes; Metal and concrete structures. The 8007-2 system is a compromise between a rigid patching material and a flexible sealant with high elongation, for cases where the first would crack because of its rigidity and the second would offer poor tensile strength, adhesion, and wear resistance because of softness. Its most successful use is in repairs of floors, walls, and ceilings in exposed decks typical of multilevel parking garages, helicopter landing platforms, flat roofs, gasoline service stations, loading docks, wharfs, piers, and multilevel warehouses. The 8007-2 system is also ideal where concrete is to be cast onto old concrete or steel and form a permanent bond that offers sufficient strength as well as a modest degree of flexibility that is sufficient to resist thermal expansion differences and other slight relative motions. The 8007-2 system also offers the ability to harden on wet surfaces and under water. In many cases, it can be used as a versatile binder to mix with aggregates or sand that can be used to patch and bond to surfaces where concrete aggregates could not bond.

Order this product through the following link:

http://www.lookpolymers.com/polymer_Abatron-AboCastAboCure-8007-2-High-Grade-Polysulfide-Epoxy-Flexible-Membrane-Sealant-and-Joint-Filler.php

Physical Properties	Metric	English	Comments
Solids Content	100 %	100 %	

Mechanical Properties	Metric	English	Comments
Hardness, Shore D	<= 65	<= 65	
Tensile Strength at Break	13.1 MPa	1900 psi	
Elongation at Break	40 %	40 %	

Processing Properties	Metric	English	Comments
Pot Life	30 min	30 min	

Descriptive Properties	Value	Comments
Hardening Time (min)	60-480	at ambient temp.
Induction Period (min)	<= 5	
Viscosity	thixotropic	

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